

WHARF AND WAVE.

ARRIVED.

Tuesday, February 12.
 Ste. Ke Au Hou, Mosher, from Honolulu, at 4 p. m., with 2,500 bags of sugar and 5 packages sundries.
 Am. M. Alden, Mosher, from Honolulu, at 4 p. m., with 2,500 bags of sugar and 5 packages sundries.
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FORESTS OF HAWAII.

(Continued from page 13)

The trees, but I have told them that they are the forest, and by doing so they open up the forest and the insects that attack the trees.

"In Maui, where the big ditch is, you will find on the maui side the forest is a jungle, whereas below it is clear and perfectly open. The undergrowth disappears and the heavy pine comes in and no seeds can then reach through and germinate. There are some points where the forest is, but these do not conserve the water as the ground dries up.

"Take the islands as a whole, and there are few localities where there are natural reservoir sites, and the water is wasted. I think the planters are all alive to the effects which the forests have over the stream flow. The forests actually increase the rainfall. The temperature in the forest is lower than in the surrounding country, and when clouds come there is not a drop will fall, but when they strike the mountains where the timber is, the rain comes down, in places where the mountains are bare the rain does not come. This has been proven. The planters feel the need of forests, but it does not appear to me they have seen the need at headwaters. Those who are acquainted with the island of Hawaii know that as you come from Hamakua to Waimea and down through Pahala, most of the slopes cannot be used for sugar or grain. The forests, if preserved there, will increase the rainfall.

"Coming around to Hilo, you cross streams after stream to the government road. These streams are vitally important to the plantations in fluming their cane, as it is too rough to construct railroads. It is ten times more important to preserve the forests at the headwaters than below. If the forests were stripped it would be hard to get the water. The water would sink at the headwaters and flow under through the strata and could only be obtained by tunnelling and shafting.

"I would suggest that the planters segregate those lands which are adjacent and along the headwaters of the streams. That is the principal thing to do. It is not only a question of segregating these lands, but also a question of fencing. At Pahala there are 21 miles of fencing and have had it there for five years; before the fencing was up you could ride all through the forests after bullocks, but now there is no trail, and you can only get through by using a cane knife.

"The rapidity of denudation and the rapidity of growth in the islands has surprised me. This is not a question of leaving forests for posterity, but it is a question of now. I think the cattle business ought to be run with a little more system. When I have asked where cattle were, I have been told, 'Up maui in the forest.' There the cattle go to escape the heat and horn-flies and to obtain the moisture. That is what is doing the forest back and it means the forests will be destroyed by cattle and sheep. On the ranches where the cattle are being handled in paddocks little damage is being done.

"Putting trees alongside the plantations is an excellent thing, especially on Oahu along the Waianae and Koolau ranges. It is surprising to see what the trees will do when fenced off. Back of Ewa, where the country has been enclosed, young koa trees are coming up. Mr. Baldwin on Maui has found by plowing that hundreds of young koa trees have come up, which shows that the seed will hold a dormant power for a period of ten years.

"Most of the government lands are under long leases, so the government cannot do much at present. There are government grounds which the Territorial government, I suppose, could set aside for the preservation of the forests. It is surprising to see what the trees will do when fenced off. Back of Ewa, where the country has been enclosed, young koa trees are coming up. Mr. Baldwin on Maui has found by plowing that hundreds of young koa trees have come up, which shows that the seed will hold a dormant power for a period of ten years.

"The Kilauea will not leave Hilo this week until Saturday on account of an unusually large number of tourists for Hilo and the volcano. She will arrive here next Sunday morning about 10 a. m. The idea is to give the passengers a day longer at Hilo.

Agent Beebe of the Globe Navigation Company was a passenger on the Kilauea on Monday. With him went Captain W. C. Renny and a corps of surveyors. The party will make arrangements for moorings at Anahola for the Globe Navigation Company's steamers, which will take the Mahealani Sugar Company's crop to San Francisco.

Hopper Company Incorporated.

Articles of incorporation of the James H. Hopper Company were filed with the Registrar yesterday. The capital stock is \$50,000, and the shares are held as follows: Ellen L. Hopper, 100; Mary M. Peterson, 50; Margaret L. Hopper, 50; Miles H. Brown, 50; W. L. Peterson, 50; W. E. Brown, 50; W. L. Hopper, 100. The capital may be increased to \$50,000.

The principal place of business of the corporation is in Honolulu, and it is authorized to carry on agricultural and ranching pursuits, including the production of rice. The corporation is authorized also to operate a sawing and planing mill, machine shop and foundry, to construct flumes, operate vessels and railroads, etc., etc.

WHEN THE MUSCLES BALK.

When the muscles balk from strain or overwork almost unendurable pain follows as a natural consequence. Kickapoo Indian Oil overcomes pain in a manner that is marvelous to those who have suffered and found no help in the various so-called "pain destroyers." The action of the oil is magical. Its effects are instantaneous. The pains resulting from neuralgia, sciatica, rheumatism, lumbago, pleurisy, from strains and pains, burns and bruises, are instantly controlled. One single application of the oil will prove its power over pain in the most practical way, by bringing instant relief. Kickapoo Indian Oil is a preparation of rare barks, herbs and gums in combination with potent vegetable oils. It does not numb the body into forgetfulness of pain as do most pain remedies, but by direct action on the inflamed parts, or diseased organs, fortifies them against the power of pain.

HOBBIN DRUG COMPANY, agents for Kickapoo Medicines.

The poll tax collectors are having their usual trouble with plantation laborers. Now wages are garnished by the collectors, and the plantation managers are haled into court as a party to the civil action. In many cases the laborers are indebted to the plantation stores for supplies, but the collectors claim that this does not exempt the managers from heeding the garnishee summons. The matter may be brought to the attention of the Attorney General for an opinion.

An enjoyable birthday party was given last evening by Mr. and Mrs. Lutt at their residence on the Beach Road, Waikiki. A large number of friends were entertained at dancing and other amusements.

ROYAL Baking Powder

Makes the bread more healthful.

Safeguards the food against alum.

Alum baking powders are the greatest menaces to health of the present day.

METHODS FOR HANDLING OIL

MATERIAL is now on the way for the construction of the great tanks which are to comprise the storage plant of the Union Oil Company of San Francisco, which concern has the contracts for the supplying of oil to those Hawaiian plantations which will very soon change over to the use of that fuel.

The storage tanks will be each of 57,000 barrels capacity, will be five in number, and will be parked on the level lands of the Oahu Railway and Land Company, close to the wharves. The tanks will be placed on the newly-made ground wakiki of the Oahu prison, and will be so close to the wharf which will furnish berth room for the oil-carriers that there will be no machinery needed except that which is on the ships.

The tanks will be placed at such elevation that there will be only one pumping operation necessary, that of filling the tanks from the ships. The vessels will carry pumps which will be able to unload their entire cargo within a day and a half at the most, probably in thirty hours of work. This will give hasty despatch for the ships and there will be possible a laying down of supplies at the rate of close to 25,000 barrels a month, using only the sailing ship and the tank tug which are now in the course of building at San Francisco. In addition to these, however, it is probable that there will be at least a few trips made here by the vessels at present in commission, in the service of the Union Oil Company. It is the intention of that company to hold in storage here about 150,000 barrels of oil, all the time, so that in the event of any trouble whatever there will be on hand a sufficient supply to prevent any danger of a shortage after the furnaces have been converted to that fuel.

The transportation of the oil from the storage tanks to the plantation tankage, which will be close to the pumps where it is to be used, and the mills, will be carried on in tank cars. These cars will be of the type familiar in the East, where they furnish means of transportation for vast quantities of oil, both illuminating and fuel. They will consist merely of an iron cylinder placed on the regular trucks of the railroad cars of the present equipment. The cylinders for these cars, of which there will be not less than a dozen from the very first, are now being built at San Francisco, and will be sent down here as soon as they are completed. The cars will carry close to 120 barrels each.

By placing the storage tanks at a sufficient elevation above the tracks at this end of the line there will be a saving of handling by power, of the oil, until it is placed under the furnaces where it is to be consumed. The filling of the cars will be accomplished by gravity, and the sidings which will permit the running of the cars direct to the tanks at the pumps and mills, will be elevated so that the oil will flow by gravity.

It is the intention of the two Oahu plantations which have contracted to use the oil to have furnaces for its consumption placed in the various engines which are in service on their internal railway lines. The plan is to have this form of fuel as an added insurance against fire, which have caused such great devastation in the cane fields everywhere. The Oahu Railway also is planning to have the furnaces of the engines of the line changed also, not only that there may be eliminated any possible danger from fire among the cane fields, but also that the dust and dirt of travel may be lessened. For the latter purpose it is also proposed that the roadbed shall be sprinkled with oil, and thus the dust laid and the weeds killed at the same time.

Already there has been inquiry as to the use of the oil in some of the local industries, where a considerable amount of coal is employed, but it is not probable that anything will be done in that branch of the service for some time, or until the arrangements have been completed, and the service of the oil has been commenced to the plantations.

Before the end of the month there will be work begun upon the storage plant and the plantation systems, and the result will be that everything will be in readiness here by the time the first cargoes of oil arrive. The government has approved the selection of the site for the storage tanks.

HOGAN'S COLD FEET.

(From Thursday's daily.)

MUST 'a been a dream," was the comment made upon Hogan, the funny man of color yesterday, when the fact that he had issued what was virtually a challenge for a duel to Prince Cupid became known. And after that several men who, as friends of the Prince, think the minstrel was insolent in his language, went out for the purpose of saying "Wake up," and "went away back and set down," aboard the ship until it was ready to sail, his awakening might have been pretty sudden and solid.

Those are the stories told of the developments yesterday in the adverse scheme of the minstrel man. After a night's sleep Hogan took another thought and went out for his passage money, finally accepting the \$170 which had been offered to him, insisting upon and receiving also \$35 from Cohen, which was separate. Prince Cupid

would take absolutely no notice of the message which was sent to him, and tried to persuade his friends that it was beneath his notice. Some of the ladies, however, thought it seemed to reach a home, in the minister, and started after him early in the day, one authority puts it at 10 o'clock, the minister went aboard the steamer and managed to lose himself, so that he was not found for some time, and the many who sought him, some for romance and some for another. Before the ship had got away from the slip, but after the time had been cast off, the singer appeared and went his better across the strip of time water. All the members of the troupe were on the deck, giving their farewell to Honolulu in rhyme, singing their successes, and including in gentle jests with their admirers on the docks. But there was only a very slight waving of the star, for he was greeting with more than one reference to the stage and his making that funk so realistic.

Cohen, who had made all his preliminary arrangements to go to the Coast as the manager for the Hogan-McLain company refused to have anything to do with it after the exhibition made by the star. He was offered a guarantee of \$1,000 for the good behavior of Hogan, and a two weeks' hold-back of salary from every member of the troupe as a personal guarantee, but he had been favored with a lifting of the curtain, and could see nothing ahead but pillage, and so stayed out of the game.

That Hogan was able to get away at all was due first to the fact that Morris Keohokale advanced the money due to the members of the company, taking over the claims against the other members of the troupe, and thus purchasing a lawsuit. If there is anything in the present outlook, the men who went into the plan at first, and who later put up a double price of admission to permit the show to open, are the ones who have refused to further "dig," and they are said to be now contemplating the introduction of suits to recover \$250 each, which was advanced when the company came here with its baggage in hand.

There were several others beside Hogan who at the end came out winners. When got double fare back to New York, and four members of the company were sent on to Chicago. This closed the second edition of Hogan's experiences for Honolulu, and few there are who believe that there ever will be any more, preferring to think that when his name is mentioned in the future theatrical promoters here will say "expose me."

A quart bottle of champagne was the medium through which actor Hogan sought to convey his appreciation to a young lady acquaintance of his. The steamer was about to leave the dock, and Hogan, the previous night, was here for only fifteen minutes when it passed into the custody of a government officer.

Hogan was sitting out of a porthole, waiting good-bye kisses to a number of feminine acquaintances. One of them, a part Hawaiian, was especially the object of Hogan's attention. Hogan secured a bottle of champagne and threw it to the dock, whence it was picked up by the young lady. A Federal officer saw the action and after studying over the situation decided that the champagne, bottle and all, were contraband articles. The possession of the bottle was demanded, and it was reluctantly put into his hands. The young lady was indignant over the action, saying that the giving of a bottle of champagne was just the same as the throwing of a lei. However, she did not get the bottle back.

Russia in Finland.

ST. PETERSBURG, Friday, Feb. 1.—In Finland the police, up to the present, have escaped complete Russification. This action is now proposed for Helsinki, at least, where the St. Petersburg system is to be transplanted. The police will be entirely independent of the local authorities, there will be a department of political police and a police address book, to include every house, will be introduced and dvorniks, the most characteristic feature of city life in Russia, will be instituted. The dvorniks, though paid by the householders, are the lowest order of police. They are bound to report all arrivals and departures, keep the regular police informed of all that happens in each house and assist in maintaining order, making arrests, etc.

DOAN'S BACKACHE KIDNEY PILLS

Which is Better:—To Try an Experiment, of

Profit By a Honolulu Citizen's

Experience?

Something new is an experiment.

Must be proven to be as represented.

Be successful at home or you doubt it.

The manufacturer's statement is not convincing proof of merit.

But the endorsement of friends is.

Now, supposing you had a weak back.

A lame, or aching one.

Would you experiment on it?

You will read of many so-called cures.

But they come from far-away places.

It's different when the endorsement comes from home.

Always remember,

Home endorsement is the proof that backs every box of Doan's Backache Kidney Pills.

Mr. H. S. Swinton, of this city, says: "I was a long sufferer from backache, having been afflicted with it for twelve years. Taking this as a symptom of kidney trouble, and seeing Doan's Backache Kidney Pills advertised as being good for complaints such as mine, I procured some of them at the Hollister Drug Co.'s store. I found upon taking them that they were doing me good, and was thereby encouraged to keep on until now I am cured of the backache. The merits of Doan's Backache Kidney Pills have been strikingly shown in my case, and I recommend them to other sufferers."

Doan's Backache Kidney Pills always have the picture of a leaf on the wrapper. In asking for Doan's Backache Kidney Pills ask for the kind which cured Mr. Swinton, and see that the leaf is on the wrapper.

Doan's Backache Kidney Pills are sold by all chemists and storekeepers at 50 cents per box, six boxes \$2.50, or will be mailed on receipt of price by the Hollister Drug Co., Honolulu, wholesale agents for the Hawaiian Islands.

NOTIONS At prices which will be a surprise to those who have not seen them. Mail Order Department for those living out of Honolulu.

Feather-stitch Brand, 4 yards in piece, per piece, 10 cents each.
 Short Hairpins, in boxes of a dozen, 25 cents per box.
 American Hairpin Cabinet, 4 cents each.
 Warren's Featherstitch Cabinet, 25 cents each.
 Wood Darning Balls, 2 cents each, with sterling silver mounting, 25 cents each.
 Speed Darning Cotton, 25 yards, warranted, two for 5 cents.
 Treasure Safety Pins, equal to the best imported, 5 cents per dozen.
 Garter Webbing, pure elastic, 10, 12 1/2, 15, 20, 25 cents per yard.
 Emery Balls, needed to take rust off your needles, 6 cents each.
 English Hairpin Cabinet, very fine quality pins, 40 cents each.
 Stray Lock Pins, very pretty shell, 10 cents each.
 Darning Cotton, Coats' fast black, 5 cents a ball.
 Improved Darning Ball, with spring attachment, 25 cents.
 Curling Irons, 15 cents each.
 Harbour's Irish Linen Thread, 50 yards, 10 cents.
 Aluminium Thimbles, 10 cents each.
 "The Comfort" Corset Hose Supporters, 25 cents per pair.

WHITNEY & MARSH, Limited.
 Mail Order Dept. Box 171, Honolulu, Oahu.

A GOOD TOP BUGGY, \$100.00

WAGONS,
 PHAETONS,
 BRAKES,
 SURREYS,
 BUGGIES,
 RUNABOUTS.

Harness, Varnishes, Carriage Material, Iron Horse Shoes.

PACIFIC VEHICLE AND SUPPLY CO.
 Day Block, Beretania Street, Honolulu.

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PACIFIC GUANO AND FERTILIZER CO.

POST OFFICE BOX 484—MUTUAL TELEPHONE 467

We Are Prepared to Fill All Orders for

Artificial Fertilizers.

ALSO, CONSTANTLY ON HAND:—

PACIFIC GUANO, POTASH, SULPHATE OF AMMONIA, NITRATE OF SODA, CALCINED FERTILIZER, SALTS, ETC., ETC.

Special attention given to analysis of soils by our agricultural chemist. All goods are GUARANTEED in every respect. For further particulars apply to

DR. W. AVERDAM, Manager. Pacific Guano and Fertilizer Company

CALIFORNIA CANNED FRUIT

The most favored country in the United States in growing fruit, is California. Its valleys produce the most delicious varieties, and the choicest product of the most favored localities is gathered and packed for our store under our "Fidelity" and "Creme de Luxe" labels.

The Fidelity represents the highest standard or extra quality of medium size, perfect fruit, in heavy syrup.

The Creme de Luxe covers the desert grade of extra large fruit, particularly adapted for export, being firm fruit that will arrive whole in best condition.

Prices on both grades are quoted in our price list.

We pay particular attention to uniformity and selecting the finest flavored fruit to be had, as there is a vast difference between the fruit of different localities.

Our experience of twenty years in shipping to individual consumers is at your service.

Smiths' Cash Store.

Nos. 25-27 Market Street, San Francisco, Cal., U. S. A.

CIVIL SERVICE EXAMINATIONS

A competitive examination under the rules of the United States Civil Service Commission in the classified department at service will be held at the High School on Emma street on May 19th next, commencing at 9 o'clock. The applications for this examination must be made on United States Civil Service Commission blanks, which can be obtained from A. B. Ingalls, secretary of the Board of Examiners, at the gauger's office, custom house. The examinations will be for the grades of clerk, departmental; electrotype finisher, electrotype molder, press feeder, promotion to clerk, railway mail clerk, stenographer, Philippine service; stenographer, stenographer and typewriter; stenographer and typewriter, Philippine service; stenographer and typewriter, Philippine service; stenographer and typewriter, Philippine service.

These examinations are for positions in the general service of the United States, and appointees thereunder may be sent to Washington, the Philippines or any other place needed. They are not generally intended for local positions. As the Territory of Hawaii is entitled to its quota of appointments, some of the successful candidates will have an opportunity to see the capital city.

Isaac J. Morgan, a wealthy San Francisco mining engineer, has been sued for breach of promise for \$50,000 by Tillie Habermahl.